

Power Semiconductor Devices

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Biomedical Engineering

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Introduction

- What are Power Semiconductor Devices (PSD)?
They are devices used as switches or rectifiers in power electronic circuits
- What is the difference of PSD and low-power semiconductor device?
 - Large voltage in the off state
 - High current capability in the on state

Classification

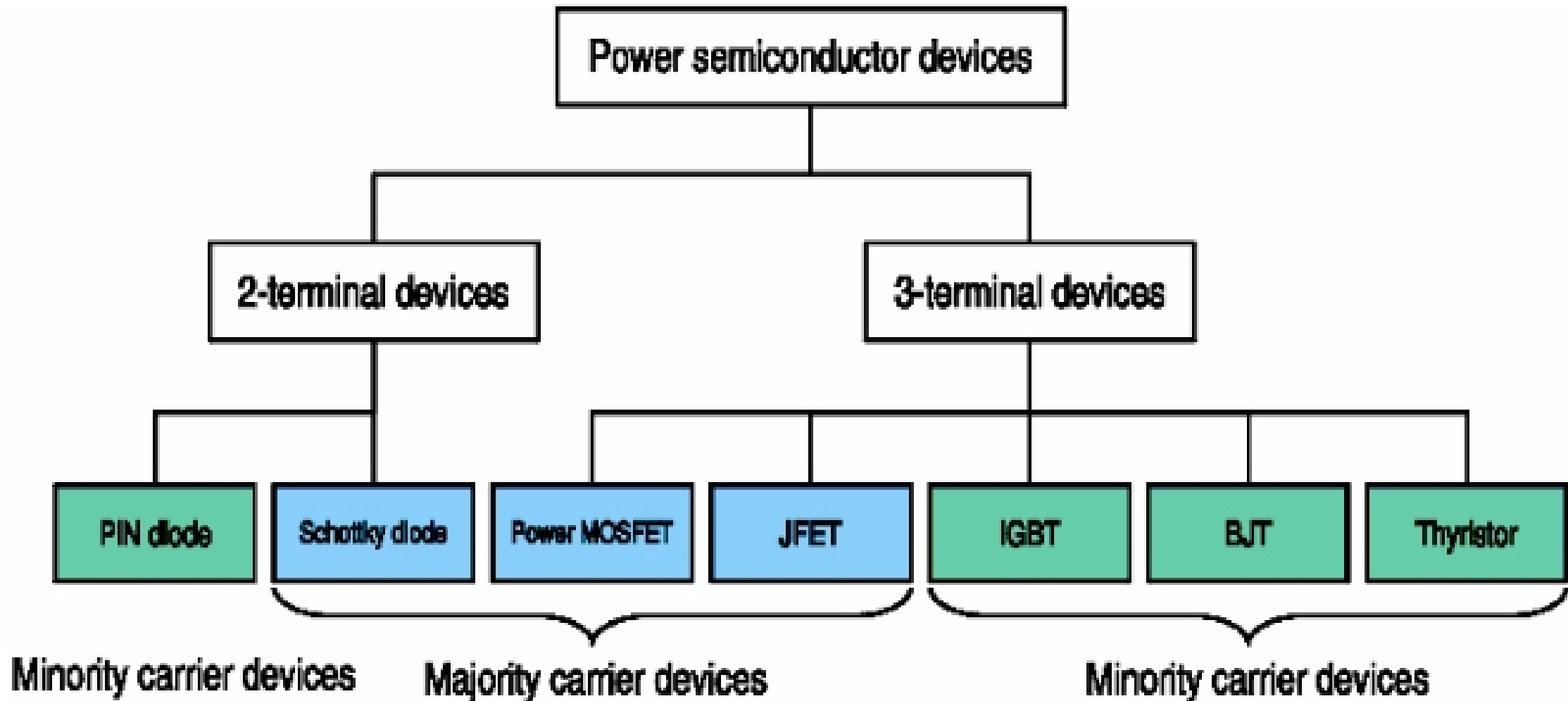


Fig. 1. The power semiconductor devices family  VLADSTUDIO